

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------------------------|------------------|---------|------------------|
| L1 | 4 | ((("4,851697") or ("4,978,263") or ("5,365,326") or ("6,323,949")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/09/28 16:30 |
| L2 | 2 | 1 and ((cross-correlat\$4) or (cross adj correlat\$4)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:37 |
| L3 | 0 | 2 and (modulat\$3 with frequency) and (modulat\$3 with phase) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:38 |
| L4 | 0 | 2 and (modulat\$3 same frequency) and (modulat\$3 same phase) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:38 |
| L5 | 5 | ((("5,701172") or ("5,856,865") or ("5,859,694") or ("6,128,072") or ("6,275,284")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/09/28 16:36 |
| L6 | 0 | 5 and ((cross-correlat\$4) or (cross adj correlat\$4)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:37 |
| L7 | 0 | 5 and (modulat\$3 with frequency) and (modulat\$3 with phase) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:38 |
| L8 | 1 | 5 and (modulat\$3 same frequency) and (modulat\$3 same phase) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:38 |
| L9 | 1 | (particle\$1 and beams and modulat\$3 and (frequency or wavelength) and phase and ((cross-correlat\$3) or (cross adj correlat\$3))) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/28 16:39 |
| S2 | 201 | 356/337.ccls. and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:38 |
| S3 | 1140 | 356/337-342.ccls. and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/27 10:23 |
| S4 | 18 | S3 and beams and ((cross-correlat\$3) or (cross adj correlat\$3)) | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:45 |
| S5 | 1610 | beams and modulat\$3 and (frequency or wavelength) and phase and ((cross-correlat\$3) or (cross adj correlat\$3)) | US-PGPUB; USPAT | OR | ON | 2005/09/27 10:30 |
| S6 | 5 | S5 and S3 | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:47 |
| S7 | 33 | (beams and modulat\$3 and (frequency or wavelength) and phase and ((cross-correlat\$3) or (cross adj correlat\$3))).clm. | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:53 |
| S8 | 29 | S7 and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:53 |
| S9 | 28 | S8 not S6 | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:50 |
| S10 | 6 | S9 and particl\$1 | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:35 |

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| S11 | 0 | S9 and (particl\$1).clm. | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:52 |
| S12 | 0 | S10 and (particl\$1).clm. | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:52 |
| S13 | 4 | (particle\$1 and beams and modulats\$3 and (frequency or wavelength) and phase and ((cross-correlat\$3) or (cross adj correlat\$3))).clm. | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:39 |
| S14 | 3 | S13 and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/24 12:53 |
| S15 | 1 | (particle\$1 and beams and modulats\$3 and (frequency or wavelength) and phase and ((cross-correlat\$3) or (cross adj correlat\$3))) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 12:55 |
| S16 | 1551 | 356/335-342.ccls. and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:33 |
| S17 | 503 | 356/27-28.ccls. and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/27 10:28 |
| S18 | 201 | 356/337.ccls. and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:30 |
| S19 | 700 | S17 or S18 | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:32 |
| S20 | 345 | S19 and particle\$1 | US-PGPUB; USPAT | OR | ON | 2005/09/27 10:30 |
| S21 | 5 | S20 and (beams and modulats\$3 and (frequency or wavelength) and phase and ((cross-correlat\$3) or (cross adj correlat\$3))) | US-PGPUB; USPAT | OR | ON | 2005/09/27 11:02 |
| S22 | 5 | S21 and (modulats\$3 with (frequency or wavelength) or phase) | US-PGPUB; USPAT | OR | ON | 2005/09/27 11:04 |
| S23 | 4 | S21 and (modulats\$3 with frequency) and (modulats\$3 with phase) | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:31 |
| S26 | 4 | ((("20020093641") or ("6532061") or ("6507391") or ("6646725"))).PN. | US-PGPUB; USPAT | OR | OFF | 2005/09/27 11:09 |
| S27 | 4 | S26 and (modulats\$3 with frequency) and (modulats\$3 with phase) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:32 |
| S28 | 39783 | (modulats\$3 with frequency) and (modulats\$3 with phase) | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:31 |
| S29 | 2022 | 356/27,28,335-342.ccls. and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:33 |
| S30 | 81 | S28 and S29 | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:34 |

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| S31 | 10 | S30 and ((cross-correlat\$4) or (cross adj correlat\$4)) | US-PGPUB; USPAT | OR | ON | 2005/09/28 16:32 |
| S32 | 5 | S31 and particl\$1 | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:35 |
| S33 | 5 | S32 and (velocit\$3 or motion) | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:36 |
| S34 | 17 | ("3511569").PN. OR ("4311383"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/27 13:38 |
| S35 | 15 | S34 and @ad<="20020829" | US-PGPUB; USPAT | OR | ON | 2005/09/27 13:38 |